MIAMI-DADE COUNTY
BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908
www.miamidade.gov

NOTICE OF ACCEPTANCE (NOA)

Metals USA Building Products LLP (FL)
7815 American Way
Groveland, Florida 34736

SCOPE:
This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: 3" EPS Roof Panel for Open Structures

APPROVAL DOCUMENT: Drawing No. 07-MEU-0001 titled " 3" EPS Foam Core Panels ", prepared by Engineering Express, dated May 15, 2007, last revision dated October 23, 2007, sheet 1 of 1, signed and sealed by Frank L. Bennardo, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and the approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: " Miami-Dade County Product Control Approved ", unless otherwise noted herein

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1, evidence submitted page E-1 as well as approval document mentioned above.
The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**

Helmy A. Makar
12/06/2007

NOA No. 07-0613.03
Expiration Date: 12/06/2012
Approval Date: 12/06/2007

Metals USA Building Products LLP (FL)

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 07-MEU-0001 titled " 3" EPS Foam Core Panels ", prepared by Engineering Express, dated May 15, 2007, last revision dated October 23, 2007, sheet 1 of 1, signed and sealed by Frank L. Bennardo, P.E.*

B. TESTS

1. *Test report Number CTLA 1618W, by Certified Testing Laboratories, dated June 11, 2007, per TAS 202, for Aluminum Skin Foam Plastic Roof Panels, signed and sealed by Ramesh C. Patel, P.E.*

C. CALCULATIONS

1. *Calculation titled 3" EPS Foam Core Roof Panels, prepared by Engineering Express, dated June 11, 2007, sheets 1 through 7 of 7, signed and sealed by Frank L. Bennardo, P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

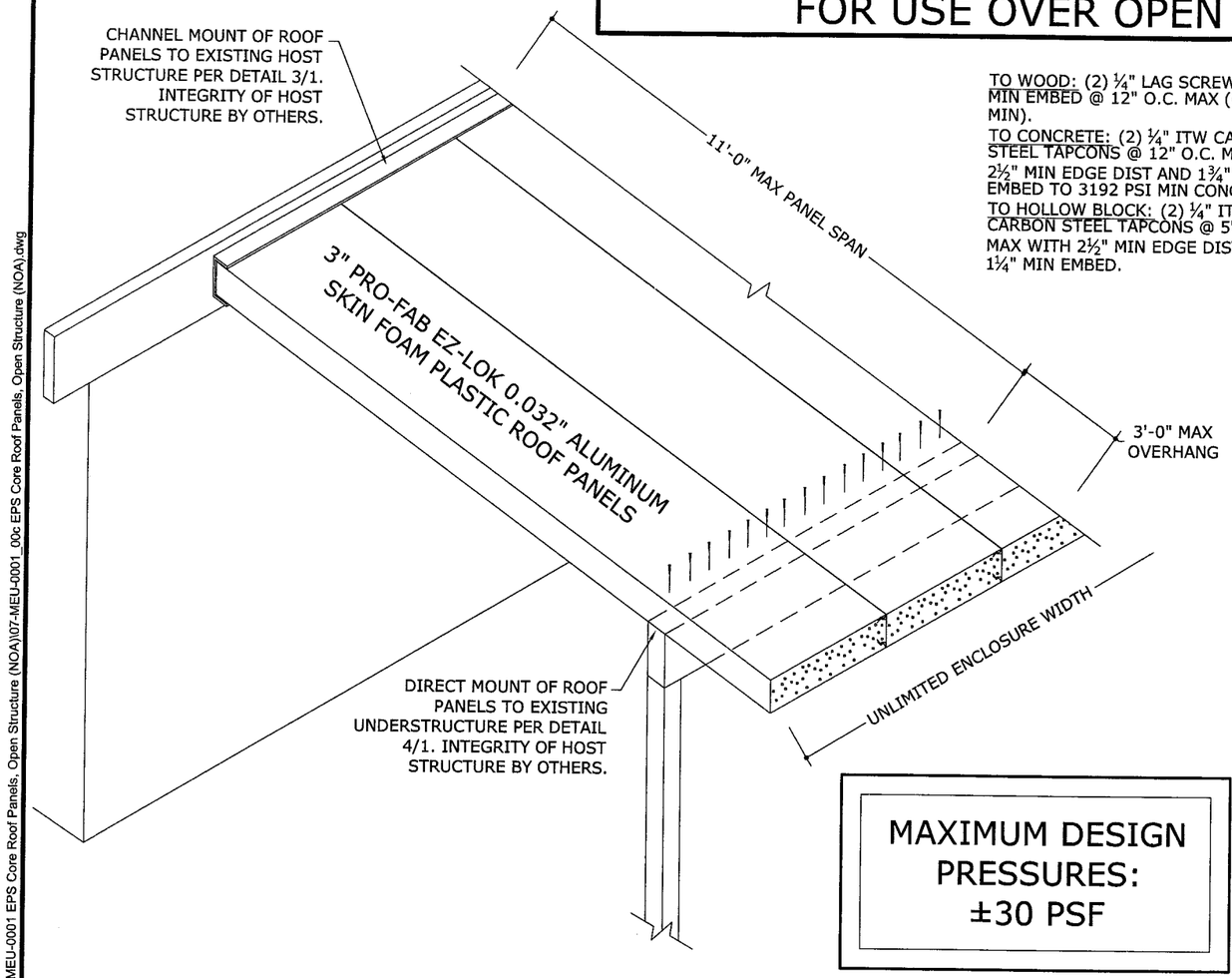
E. MATERIAL CERTIFICATION:

1. *Mill report by Nichols Aluminum-NAA, dated 10/22/07.*

Helmy A. Makar

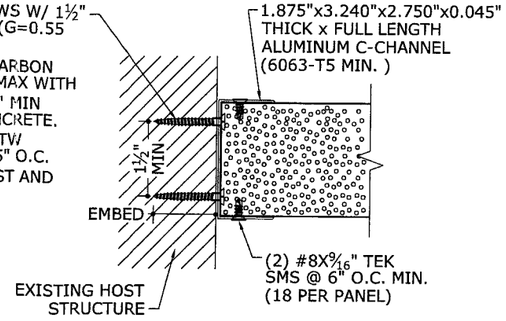
Helmy A. Makar, P.E., M.S.
Product Control Examiner
NOA No. 07-0613.03
Expiration Date: 12/06/2012
Approval Date: 12/06/2007

PRO-FAB EZ-LOK ROOF PANELS
FOR USE OVER OPEN STRUCTURES

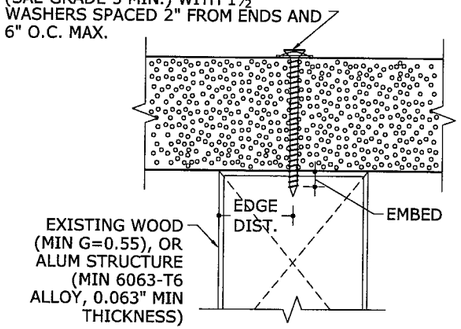


MAXIMUM DESIGN PRESSURES: ±30 PSF

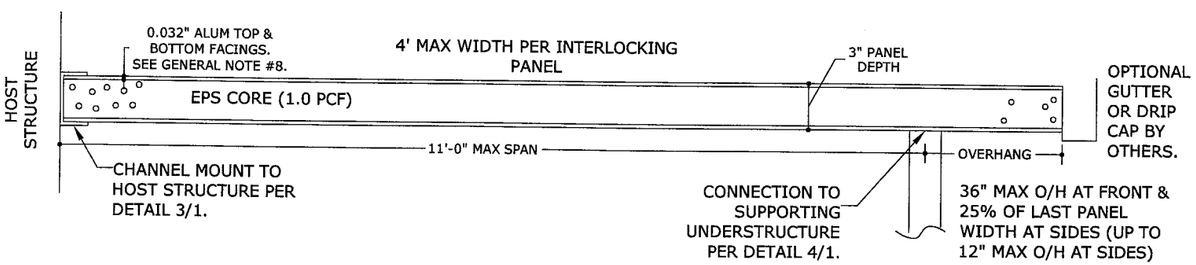
1/1 TYPICAL ROOF PANEL INSTALLATION
N.T.S. ISOMETRIC VIEW



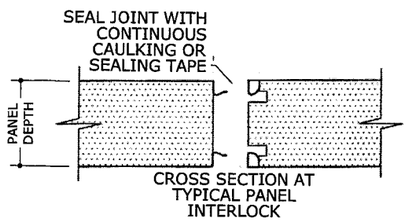
3/1 C-CHANNEL MOUNT
N.T.S. VERT SECTION



4/1 DIRECT MOUNT
N.T.S. VERT SECTION



2/1 EPS ROOF PANEL / SPAN DETAIL
N.T.S. VERT SECTION



GENERAL NOTES

1. THE SYSTEM DESCRIBED HEREIN HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH THE 2004 FLORIDA BUILDING CODE, FOR USE WITHIN THE HIGH VELOCITY HURRICANE ZONE, PER TAS 202 STANDARDS. COMPOSITE ROOF PANELS COMPLY WITH CHAPTER 7 SECTION 719, CHAPTER 8 SECTION 803, CLASS A INTERIOR FINISH, AND CHAPTER 26 SECTION 2603 OF THE 2004 F.B.C. CONTRACTOR SHALL INVESTIGATE AND CONFORM TO ALL LOCAL BUILDING CODE AMENDMENTS WHICH MAY APPLY.
2. NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS SYSTEM. WIND LOAD DURATION FACTOR Cd=1.6 HAS BEEN USED FOR WOOD ANCHOR DESIGN.
3. POSITIVE AND NEGATIVE DESIGN PRESSURES CALCULATED FOR USE WITH THIS SYSTEM SHALL BE DETERMINED BY OTHERS ON A JOB-SPECIFIC BASIS IN ACCORDANCE WITH THE GOVERNING CODE.
4. MULTIPLE UNITS MAY BE INSTALLED TO UNLIMITED WIDTH AS SHOWN.
5. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT.
6. THE CONTRACTOR SHALL CAREFULLY CONSIDER POSSIBLE IMPOSING LOADS ON ROOF, INCLUDING BUT NOT LIMITED TO ANY CONCENTRATED LOADS WHICH MAY JUSTIFY GREATER DESIGN CRITERIA. THIS ADDITIONAL ROOF LOAD CRITERIA SHALL BE PROPERLY ANALYZED BY A PROFESSIONAL ENGINEER.
7. PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS. WOOD BUCKS (BY OTHERS) SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.
8. EPS CORE COMPOSITE PANELS SHALL BE CONSTRUCTED USING TYPE 3105-H254 ALUMINUM INTERIOR AND EXTERIOR FACINGS, 1.0 PCF EPS. THE EPS FOAM SHALL BE ADHERED TO THE ALUMINUM FACINGS WITH ASHLAND ISOGRIP 5040/5050 MOR-AD 652 MOISTURE CURE URETHANE ADHESIVE (BY ROHM & HAAS Co.). FABRICATION SHALL BE IN ACCORDANCE WITH APPROVED FABRICATION METHODS BY METALS USA BLDG PRODUCTS AT THEIR GROVELAND FACILITY.
9. C-CHANNEL MOUNT & DIRECT MOUNT DETAILS SHOWN MAY BE INTERCHANGED AS FIELD CONDITIONS DICTATE.
10. ALL STEEL IN CONTACT WITH ALUMINUM SHALL BE PAINTED OR PLATED.
11. ENGINEER'S SEAL AFFIXED HERETO VALIDATES MAXIMUM SPAN, DESIGN LOADS, AND DESIGN OF ANCHORS AS SHOWN ONLY.
12. EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.
13. ALTERATIONS, ADDITIONS, HIGHLIGHTING, OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE OUR CERTIFICATION.

Approved as complying with the Florida Building Code
Date 12/06/2007
NOA# 07-0613.03
Miami-Dade Product Control
Division
By

FRANK L. BENNARDO, P.E.
PE0046549
10/24/2007

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METALS USA
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GROVELAND, FL 34736
1-800-874-9065

3" EPS FOAM CORE PANELS
ALUMINUM SKIN
MIAMI-DADE NOTICE OF ACCEPTANCE

REMARKS	DRWN	CHKD	DATE
INIT ISSUE	KL	CL	05/15/07
REVISE PER COMMENTS	KL	CL	10/23/07
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

07-MEU-0001
SCALE: 01
PAGE DESCRIPTION:

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